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FIG. 1

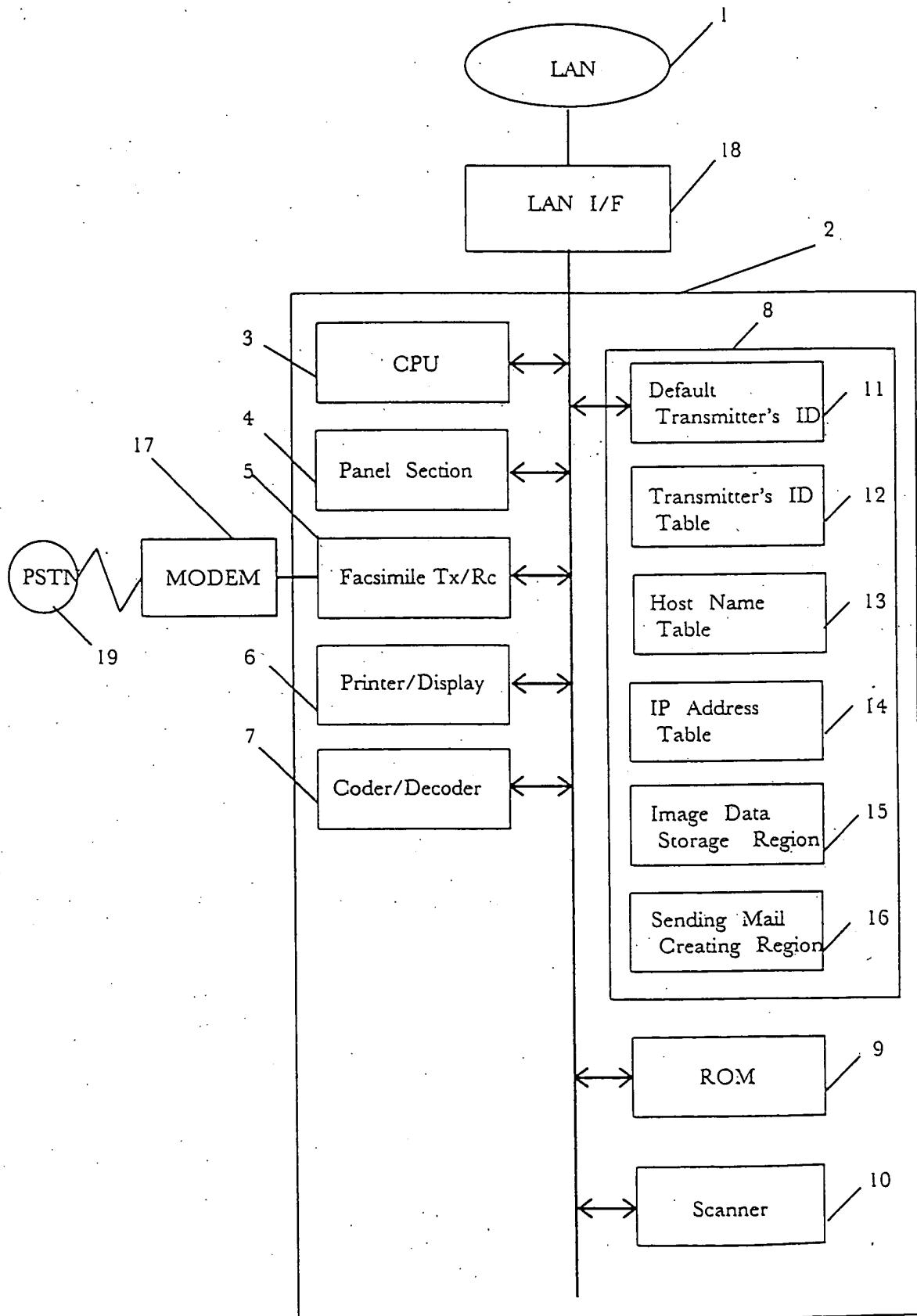


FIG. 2A

Transmitter Information Default

| Machine's Name | Mail Address   |
|----------------|----------------|
| Internet FAX   | fax@aaa.bbb.jp |

FIG. 2B

Transmitter's Identification Table

| Transmitter's Name | Mail Address       |
|--------------------|--------------------|
| suzuki             | usr1@abc. defg. jp |
| yamada             | usr2@abc. defg. jp |
| MGCS               | <i>not set</i>     |
| <i>not set</i>     | usr4@abc. defg. jp |
|                    |                    |

FIG. 3

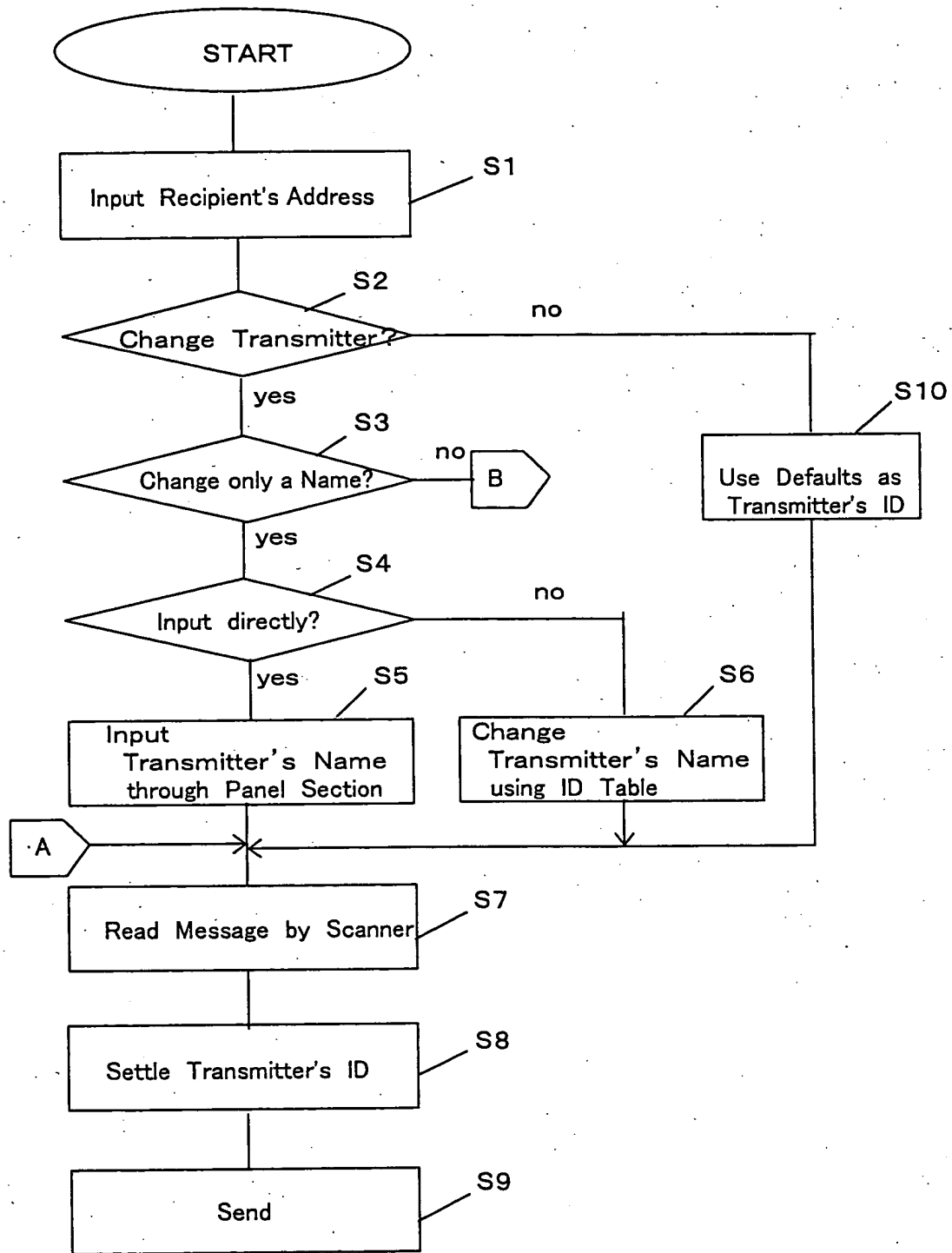


FIG. 4

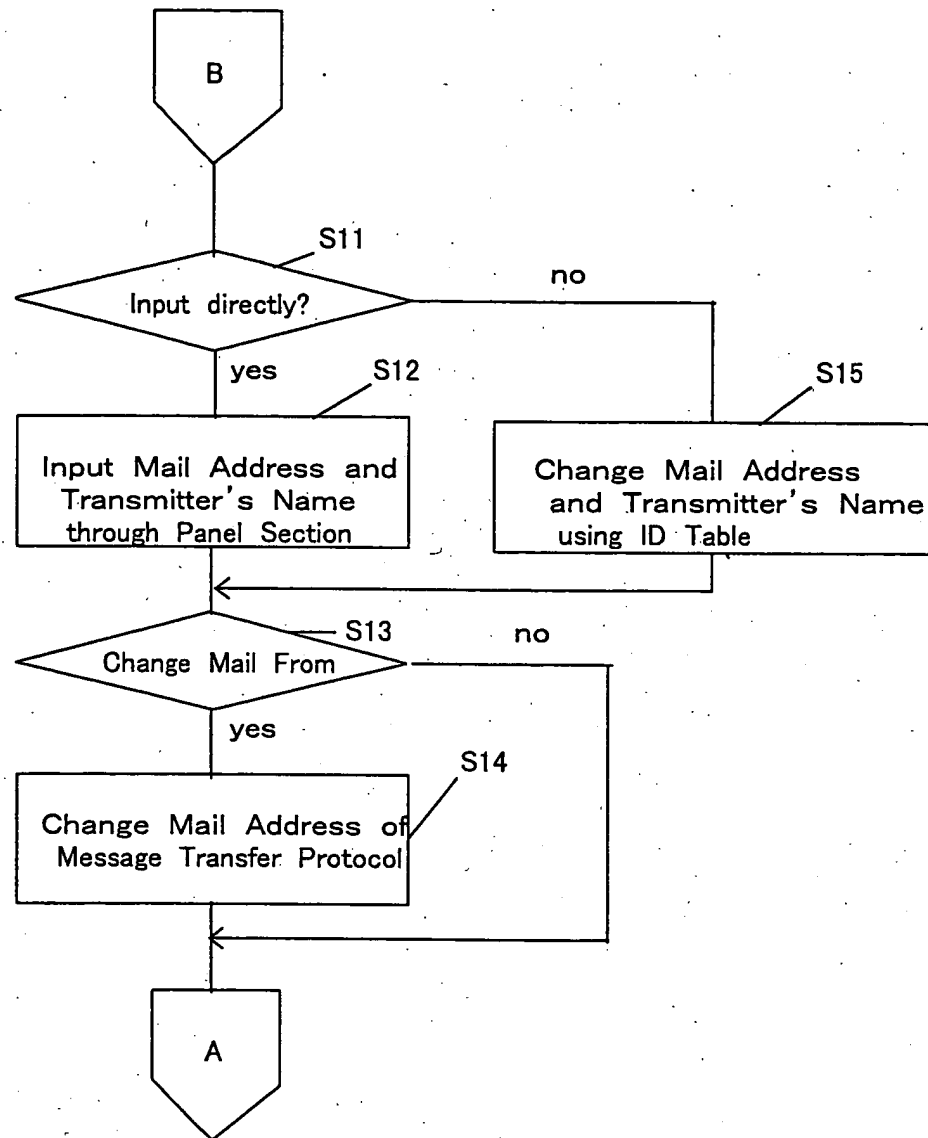


FIG. 5A

Mail From Command

MAIL<SP>FROM:<reverse-path>

Mail Message

Mime-Version: 1. 0

X-Mailer: Internet FAX, MGCS

From: "comment" <Mail address>

Subject: \* \* \* \*

To: aaa@bbb. ccc. ddd

Fig. 5B

Change Transmitter's Name of Mail Message  
into "suzuki"

Mail From Command

MAIL FROM:<fax@aaa. bbb. jp>

Mail Message

Mime-Version: 1. 0

X-Mailer: Internet FAX, MGCS

From: "suzuki", fax@aaa. bbb. jp>

Subject: \* \* \* \*

To: aaa@bbb. ccc. ddd

FIG. 5C

Change Transmitter's Name and Mail Address  
of Mail Message into "suzuki"

Mail From Command

MAIL FROM:<fax@aaa. bbb. jp>

Mail Message

Mime-Version: 1. 0

X-Mailer: Internet FAX, MGCS

From: "suzuki" <usr1@abc. defg. jp>

Subject: \* \* \* \*

To: aaa@bbb. ccc. ddd

FIG. 5D

Change Transmitter's Name, Mail Address and  
Mail From Command into "suzuki"

Mail From Command

Mail FROM: <usr1@abc. defg. jp>

Mail Message

Mime-Version: 1. 0.

X-Mailer: Internet FAX, MGCS

From: "suzuki" <usr1@abc. defg. jp>

Subject: \* \* \* \*

To: aaa@bbb. ccc. ddd

FIG. 5E

Change Transmitter's Name, Mail Address and  
Mail From Command into "MGCS"

Mail From Command

MAIL FROM: <fax@aaa. bbb. jp>

Mail Message

Mime-Version: 1. 0

X-Mailer: Internet FAX, MGCS

From: "MGCS" <fax@aaa. bbb. jp>

Subject: \* \* \* \*

To: aaa@bbb. ccc. ddd

FIG. 5F

Change Transmitter's Name, Mail Address and  
Mail From Command into "usr4@abc. defg. jp"

Mail From Command

MAIL FROM: <usr4@abc. defg. jp>

Mail Message

Mime-Version: 1. 0

X-Mailer: Internet FAX, MGCS

From: <usr4@abc. defg. jp>

Subject: \* \* \* \*

To: aaa@bbb. ccc. ddd

FIG. 6

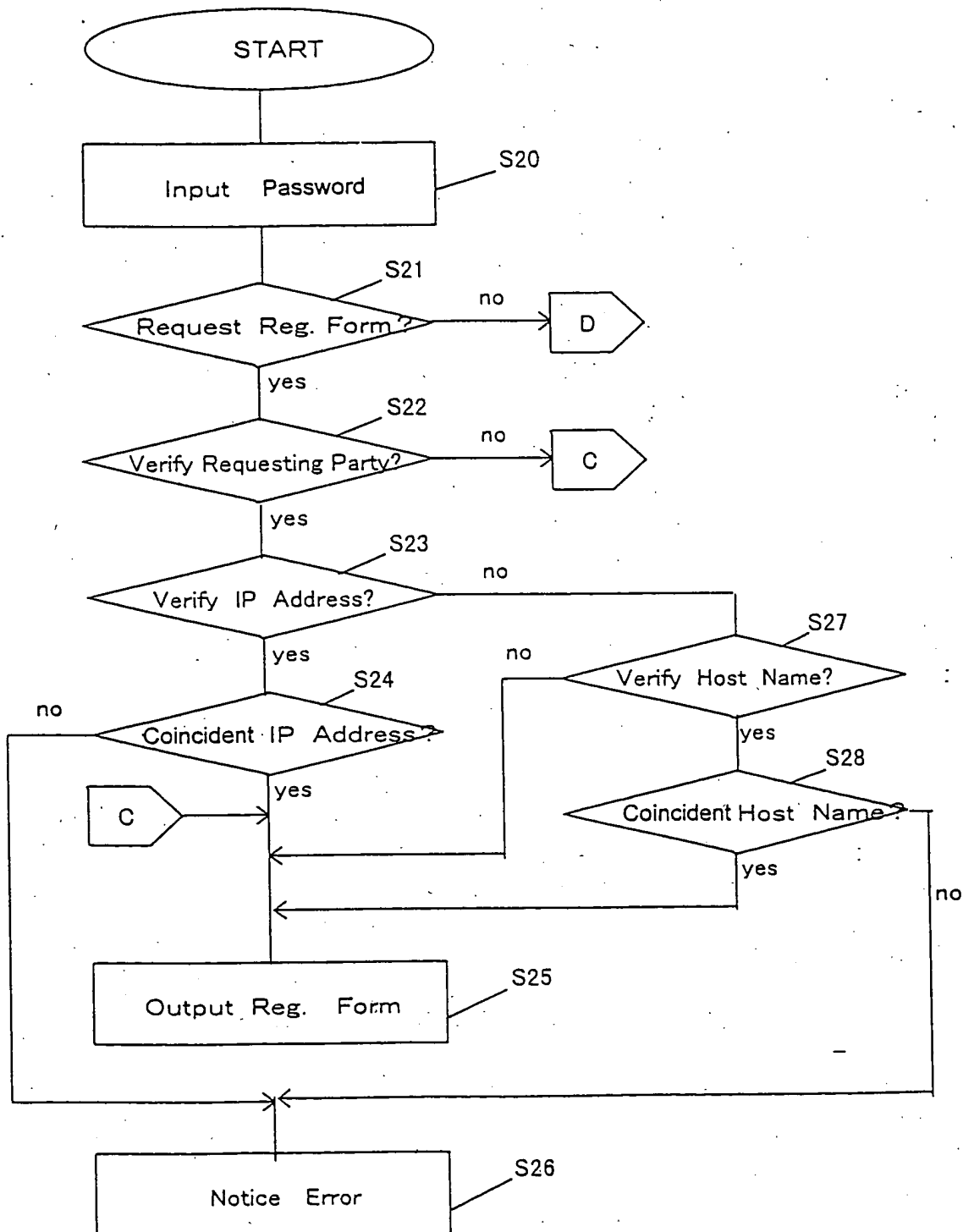




FIG. 7

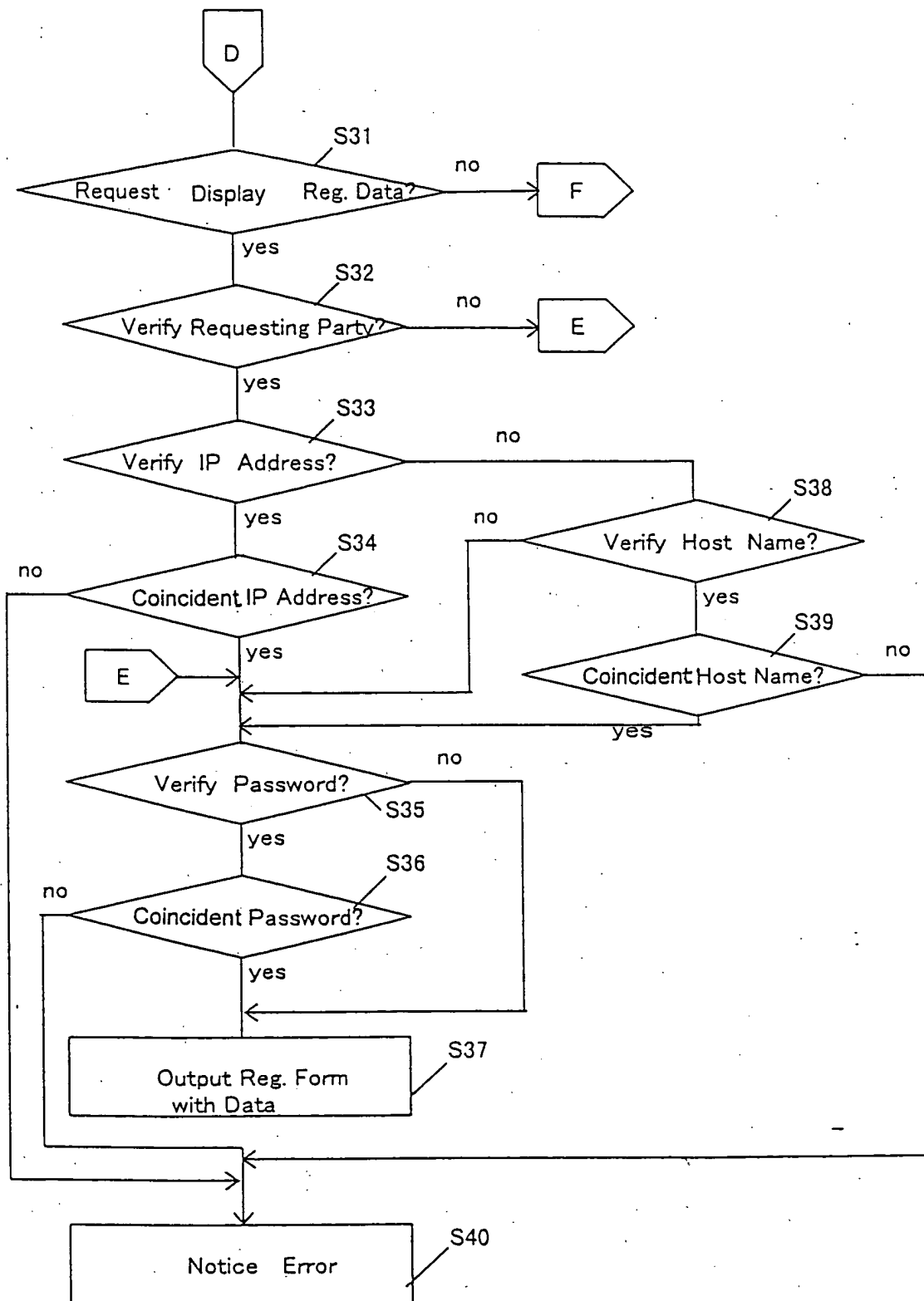


FIG. 8

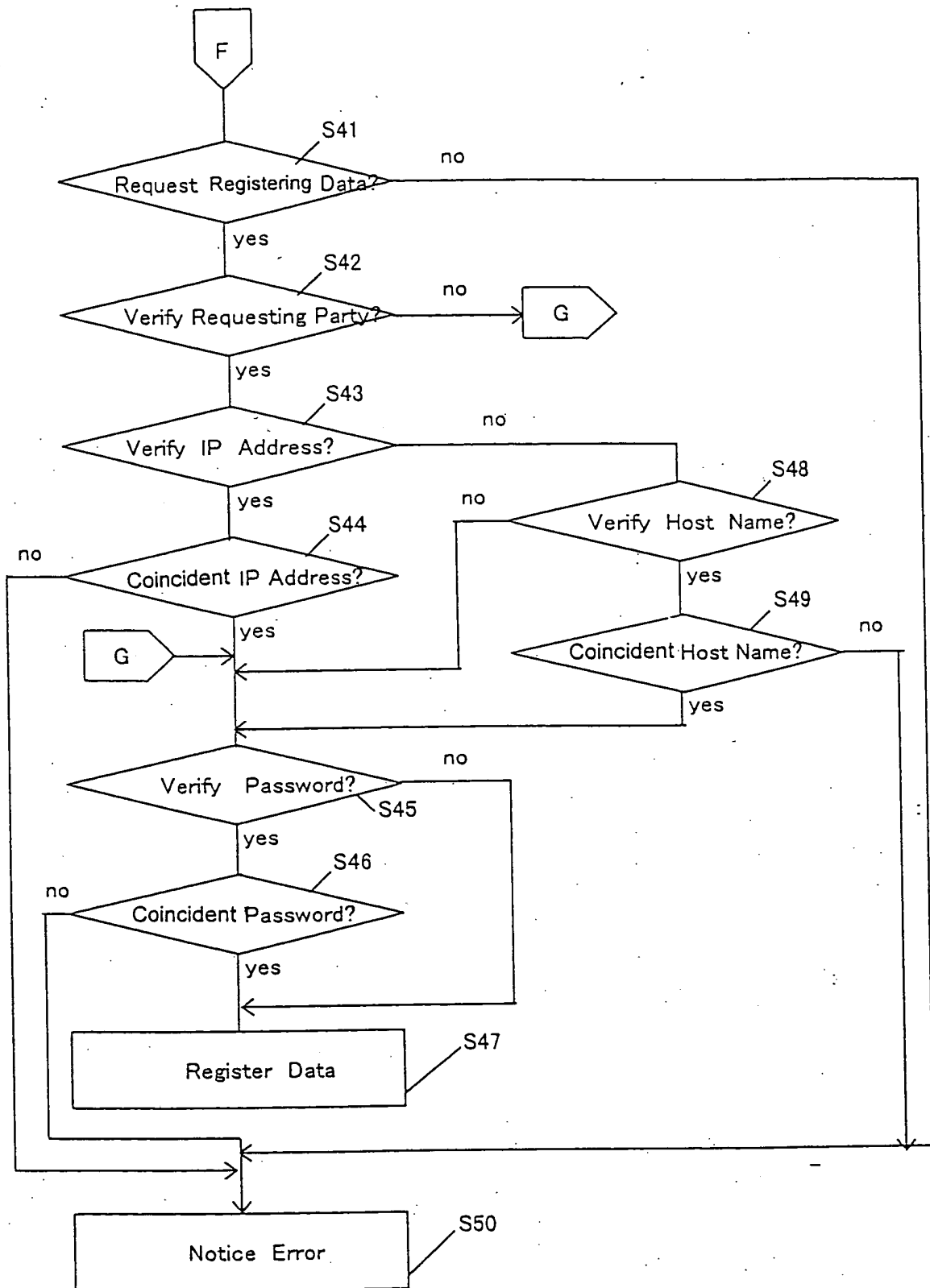


FIG. 9A

Transmitter's ID Table

| IP Address      | IP MASK         |
|-----------------|-----------------|
| 001.001.001.001 | 255.255.255.128 |
| 001.001.002.123 |                 |
| 001.002.003.111 |                 |
|                 |                 |

FIG. 9B

Host Name Table

| Host Name       |
|-----------------|
| pc1.abc.defg.jp |
| pc2.abc.defg.jp |
| aaa.bbb.jp      |
|                 |

FIG. 10

**REGISTRATION AND CONFIRMATION  
OF TRANSMITTER INFORMATION**

PASSWORD  f1

REGISTRATION ☐ f2 Registration of Data

READ OUT ☐ f3 Display Registered Data

|    | f4 Transmitter's Name | Mail Address f5      | Error Mail f6         |
|----|-----------------------|----------------------|-----------------------|
| 01 | <input type="text"/>  | <input type="text"/> | <input type="radio"/> |
| 02 | <input type="text"/>  | <input type="text"/> | <input type="radio"/> |
| 03 | <input type="text"/>  | <input type="text"/> | <input type="radio"/> |
| 04 | <input type="text"/>  | <input type="text"/> | <input type="radio"/> |
| 05 | <input type="text"/>  | <input type="text"/> | <input type="radio"/> |
| 06 | <input type="text"/>  | <input type="text"/> | <input type="radio"/> |
| 07 | <input type="text"/>  | <input type="text"/> | <input type="radio"/> |
| 08 | <input type="text"/>  | <input type="text"/> | <input type="radio"/> |
| 09 | <input type="text"/>  | <input type="text"/> | <input type="radio"/> |
| 10 | <input type="text"/>  | <input type="text"/> | <input type="radio"/> |

f7   f8

FIG. 11

R: 220 BBN-UNIX. ARPA Simple Mail Transfer Service Ready  
 S: HELO USC-ISIF. ARPA  
 R: 250 BBN-UNIX. APPA  
  
 S: MAIL FROM: <Smith@USC-ISIF. ARPA>  
 R: 250 OK  
  
 S: RCPT TO: <Jones@BBN-UNIX. ARPA>  
 R: 250 OK  
  
 S: RCPT TO: <Green@BBN-UNIX. ARPA>  
 R: 550 No Such user here  
  
 S: RCPT TO: <Brown@BBN-UNIX. ARPA>  
 R: 250 OK  
  
 S: DATA  
 R: 354 Start mail input; end with <CRLF>. <CRLF>  
 S: Blah blah blah...  
 R: ...etc. etc. etc.  
 S: .  
 R: 250 OK  
  
 S: QUIT  
 R: 221 BBN-UNIX. ARPA Service closing transmission channel

|          |                                |                |         |
|----------|--------------------------------|----------------|---------|
| FIG. 12A | Verify IP Address without MASK |                |         |
|          | from 001.001.002.123           | Coincident     | Receive |
|          | from 001.001.002.124           | Not Coincident | Reject  |

|          |                             |                |         |
|----------|-----------------------------|----------------|---------|
| FIG. 12B | Verify IP Address with MASK |                |         |
|          | from 001.001.001.103        | Coincident     | Receive |
|          | from 001.001.001.201        | Not Coincident | Reject  |

|          |                      |                |         |
|----------|----------------------|----------------|---------|
| FIG. 12C | Verify Host Name     |                |         |
|          | from pc1.abc.defg.jp | Coincident     | Receive |
|          | from pc3.abc.defg.jp | Not Coincident | Reject  |

|          |                     |                |         |
|----------|---------------------|----------------|---------|
| FIG. 12D | Verify Host Name    |                |         |
|          | from ws1.aaa.bbb.jp | Coincident     | Receive |
|          | from ws2.aab.bbb.jp | Not Coincident | Reject  |